

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|---------------------|
| S50 | 1632 | (feed\$1forward or feed forward or feedforward) adj2 filter \$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:32 |
| S51 | 5327 | (feed\$1back or feed back or feedback) adj2 filter\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:33 |
| S52 | 125865 | interleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:33 |
| S53 | 17728 | de\$1interleav\$6 or deinterleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:33 |
| S54 | 12443 | S52 with S53 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:34 |
| S55 | 8 | S50 same S51 same S54 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/19 16:34 |
| S56 | 14 | ("20020067309" "20020163879" "20020193146" "20020196842" "20030043929" "20030112901" "6193399" "6327664" "6473467" "6870882").PN. OR ("7197084").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/19 17:19 |
| S58 | 78088 | multi\$user detection or multi user detection or multiple user detection or MUD | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:16 |

| | | | | | | |
|-----|--------|--|---|------|----|---------------------|
| S59 | 125865 | interleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:17 |
| S60 | 17728 | de\$1interleav\$6 or deinterleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:17 |
| S61 | 12443 | S59 with S60 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:17 |
| S62 | 247 | S58 and S61 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:17 |
| S63 | 7681 | (feedback or feed\$back or feed\$forward or feed forward or forward) adj2 filter\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:18 |
| S64 | 24 | S63 and S62 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/20 10:18 |
| S65 | 14 | ("4852090" "5050186" "5155742" "5222101" "5275265" "5335250" "5513215" "5830296" "6233273" "6526093" "6608862" "6690723" "6782043" "6804293").PN. OR ("7230982").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/20 14:59 |
| S66 | 7 | ("5050186" "6233273" "6526093" "6608862" "6690723" "6782043").PN. OR ("7006563").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/20 15:55 |

| | | | | | | |
|-----|--------|---|---|------|----|---------------------|
| S67 | 26 | ("20020013164" "20020037061" "20020110206" "20020114410" "20030108192" "20030152175" "20030161416" "20040013205" "20040022335" "4821290" "5506861" "5921937" "5966262" "5999899" "6011812" "6122269" "6282300" "6307892" "6448923" "6535554" "6839573" "6862326" "7031284").PN. OR ("7218665").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/20 16:06 |
| S68 | 7 | ("5550810" "6115406" "6115409" "6192067" "6282233").PN. OR ("7031671").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/20 17:31 |
| S69 | 302 | sphere adj2 decod\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 12:02 |
| S70 | 639802 | correlat\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 12:06 |
| S71 | 128537 | statistic | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 13:02 |
| S72 | 639285 | decod\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 13:03 |
| S73 | 18827 | channel adj2 S72 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 13:19 |

| | | | | | | |
|-----|--------|---|---|------|----|---------------------|
| S74 | 96 | S71 same S73 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 13:19 |
| S75 | 39 | S74 and feedback | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 13:20 |
| S76 | 22 | ("6115427" "6351499" "6470043" "6473467" "6510173" "6560295").PN. OR ("6898248").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/21 13:47 |
| S78 | 460501 | decision | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:38 |
| S79 | 63512 | S78 near2 (mean or block or unit) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:47 |
| S80 | 17747 | de\$1interleav\$6 or deinterleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:48 |
| S81 | 124 | S80 with S79 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:48 |
| S82 | 11 | S81 with S73 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:48 |
| S83 | 1611 | channel near2 S71 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:57 |
| S84 | 0 | S83 same S80 same S73 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:57 |

| | | | | | | |
|-----|---------|---|---|------|----|---------------------|
| S85 | 12 | S83 same S80 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 14:58 |
| S86 | 5085158 | (subtract\$4 or minus or difference or add or adder or adding or sum or summing or summer) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 15:36 |
| S87 | 10341 | S86 same S72 same (DFE or filter\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 15:37 |
| S88 | 124 | \$3interleav\$4 near2 ((space near time) or (spatio near temporal)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 15:38 |
| S89 | 11 | S88 and S87 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/21 15:39 |
| S93 | 6 | ("20020110188" "6671338" "6993070" "7016440" "7027497" "7027533").PN. OR ("7333540").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/21 17:28 |
| S94 | 6389 | de\$1correlat\$5 or decorrelat\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:03 |
| S95 | 17747 | de\$1interleav\$6 or deinterleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:04 |
| S96 | 639285 | decod\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:04 |
| S97 | 11 | S94 with S95 with S96 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:04 |

| | | | | | | |
|------|---------|--|---|------|----|---------------------|
| S98 | 47 | S94 same S95 same S96 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:32 |
| S99 | 36 | S98 not S97 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 10:32 |
| S101 | 572 | de\$1correlator or decorrelator | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 11:46 |
| S102 | 12805 | channel adj S96 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 11:46 |
| S103 | 6 | S101 same S102 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 11:46 |
| S104 | 5085158 | (subtract\$4 or minus or difference or add or adder or adding or sum or summing or summer) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 13:10 |
| S105 | 10341 | S104 same S96 same (DFE or filter\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 13:10 |
| S106 | 29 | S105 and S101 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/07/22 13:10 |
| S107 | 14 | "1069722" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/17 15:10 |
| S108 | 5 | "EP 1069722" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/17 15:28 |

| | | | | | | |
|------|--------|---|---|------|----|---------------------|
| S109 | 2 | "6898248".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/17 15:31 |
| S110 | 22 | ("6115427" "6351499" "6470043" "6473467" "6510173" "6560295").PN. OR ("6898248").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/17 15:31 |
| S111 | 124920 | serial interface cancellat \$4 or parallel interface cancellat\$4 or SIC or PIC | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/25 17:40 |
| S112 | 17980 | de\$1interleav\$6 or deinterleav\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/25 17:41 |
| S117 | 420 | serial interference cancellat\$4 or parallel interference cancellat\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/25 17:51 |
| S118 | 3 | S112 same S117 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/25 17:52 |
| S119 | 64 | (S112 and S117) not S118 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/25 18:48 |
| S120 | 18 | ("20030021249" "20030053527" "5377225" "5761237" "6075792" "6151358" "6175588" "6201799" "6240099" "6301293" "6614836" "6654408" "6711219" "6792033" "6907513" "6956892" "7054378" "7058115").PN. OR ("7286517").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 10:04 |

| | | | | | | |
|------|-------|---|---|------|----|---------------------|
| S121 | 5651 | (decision adj (feedback or feed\$1back) adj equaliz\$5) or DFE | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 10:41 |
| S122 | 14143 | decision adj (mean or unit or device block) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 10:42 |
| S123 | 89 | S122 same S121 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 10:42 |
| S124 | 55 | S122 with S121 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 10:42 |
| S125 | 40 | ("4631735" "4789994" "5031194" "5117291" "5293402").PN. OR ("5561687").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 11:19 |
| S126 | 54 | ("4631735" "4789994" "5031194" "5117291" "5293402").PN. OR ("5414733").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 12:57 |
| S127 | 1432 | equaliz\$5 near2 decod \$3 and decision | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 14:13 |
| S128 | 304 | S127 and iterative | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 14:13 |
| S129 | 203 | S128 and (interleav\$3 or deinterleav\$3 or de \$1interleav\$3) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 14:14 |
| S130 | 7 | ("20030117647" "20040006733" "20040179589" "20050047489" "4365338" "5297166" "7035316").PN. OR ("7548598").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 16:05 |
| S131 | 13 | ("5263033" "5533063" "5710792" "5933462" "6222835" "6263030" "6459728" "6570919" "6690739").PN. OR ("6993070").URPN. | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 16:15 |

| | | | | | | |
|------|--------|--|---|------|----|---------------------|
| S132 | 979 | 375/233.cds. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 16:45 |
| S133 | 72 | S132 and S122 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2009/08/26 16:45 |
| S134 | 116495 | (interleav\$3 or deinterleav\$3 or de \$1interleav\$3) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 16:45 |
| S135 | 23 | S134 and S133 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 16:45 |
| S136 | 15668 | deinterleav\$3 or de \$1interleav\$3 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 17:01 |
| S137 | 416919 | decod\$4 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 17:01 |
| S138 | 265248 | slicer or comparator or correlator | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 17:02 |
| S139 | 493 | S138 same S137 same S136 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 17:02 |
| S140 | 4 | S139 and S132 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 17:02 |
| S141 | 9 | S139 and S122 | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/08/26 18:01 |

8/27/2009 11:29:42 AM

C:\Documents and Settings\sahn2\My Documents\EAST\Workspaces
 \10570053_iterativeDecodingEqualizing_F1.wsp